PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number Filing Date TRANSMITTAL 43 2003 First Named Inventor **FORM** Art Unit Examiner Name iet assigned (to be used for all correspondence after initial filing) Attorney Docket Number Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request 1. Return receipt postcard Request for Refund Express Abandonment Request 2. Express Mail Cert. of CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Printed name Date Reg. No. 30509 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date 11/4!2004 Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-04)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE on of information unless it displays a valid OMB control number. the Paperwork Reduction Act of 1995, no persons are required to res

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

RADEN TRADEN

OTAL	AMOUNT OF PAYMENT	(\$)	2	120	$\cdot \infty$
0175	AMOUNT OF TATMENT	(Ψ)	94	, ~~	•

pond to a concensit of inte	ATTION OF THE STATE OF THE STAT	
C	omplete if Known	_
Application Number	10/69/947	
Filing Date	October 23 2004	
First Named Inventor	Eggleton	
Examiner Name	Not yet assigned	
Art Unit	2872	
Attorney Docket No.	37-1-4	

Check	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Deposit   SO - 2074		3. ADDITIONAL FEES				
Copposit		Large Entity   Small Entity				
Account   SO - SO   Number   Deposit   Account   Fite   USA   1052   50   2052   25   Surcharge - late filing fee or oath   1052   50   2052   25   Surcharge - late provisional filing fee or cover sheet   1053   130   1055   130   130   1055   130	Denosit		Fee Description Fee Paid			
Deposit   Account   File   USA	Account Sumber 50 - 20 17	051 130 2051 65 Sur	rcharge - late filing fee or oath			
The Director is authorized to: (check all that apply)	0					
Charge fee(s) indicated below		053 130 1053 130 Nor	n-English specification			
Charge any additional fee(s) or any underpayment of fee(s)   1804 920* Requesting publication of SIR prior to Extraction		812 2,520 1812 2,520 For	filing a request for ex parte reexamination			
Examiner action   Examiner a	<u> </u>					
Tebular   Tebu		805 1,840* 1805 1,840* Rec Exa	equesting publication of SIR after			
1. BASIC FILING FEE   Large Entity   Small Entity		251 110 2251 55 Ext	tension for reply within first month			
Large Entity   Small Entity   Fee		252 430 2252 215 Ext	dension for reply within second month			
Fee		253 980 2253 490 Ext	dension for reply within third month			
1001 790   2001 395	Fee Fee Fee Fee Paid	254 1,530 2254 765 Ext				
1002 350   2002 175   Design filing fee   1401 340   2401 170   Notice of Appeal   1402 340   2402 170   Filing a brief in support of an appeal   1403 300   2403 150   Request for oral hearing   1451 1,510   1451		255 2,080 2255 1,040 Ext	dension for reply within fifth month			
1004 790   2004 395   Reissue filing fee   1403 300   2403 150   Request for oral hearing   1451 1,510   Petition to institute a public use proceeding   1451 1,510   1451 1,510   Petition to revive - unavoidable   1453 1,330   2452   55   Petition to revive - unavoidable   1453 1,330   2453   665   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   1451 1,510   Petition to revive - unintentional   1451 1,510   14	· · · · · · · · · · · · · · · · · · ·	401 340 2401 170 No	otice of Appeal			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Claims Independent Claims Multiple Dependent  Large Entity Fee Fee Code (\$) Co	1003 550 2003 275 Plant filing fee	402 340 2402 170 Fili	ling a brief in support of an appeal			
SUBTOTAL (1) (\$) O  1452 110 2452 55 Petition to revive - unavoidable  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Pald Total Claims	1004 790 2004 395 Reissue filing fee	403 300 2403 150 Red	equest for oral hearing			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Total Claims  -20** =	1005 160 2005 80 Provisional filing fee	451 1,510 1451 1,510 Pet	stition to institute a public use proceeding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims   1501   1,370   1502   490   2502   245   Design issue fee	SUBTOTAL (1) (\$) ()	452 110 2452 55 Pet	etition to revive - unavoidable			
Extra Claims		453 1,330 2453 665 Per	etition to revive - unintentional			
Total Claims	Fee from	501 1,370 2501 685 Util	ility issue fee (or reissue)			
Independent Claims Multiple Dependent  Large Entity Small Entity Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20  1201 88 2201 44 Independent claims in excess of 3  1203 300 2203 150 Multiple dependent claim, if not paid 1204 88 2204 44 Reissue independent claims over original patent  1205 18 2205 9 Reissue claims in excess of 20  1205 18 2205 9 Reissue claims in excess of 20  1207 1807 50 Processing fee under 37 CFR 1.17(q)  1808 180 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)  1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a))  1809 790 2810 395 For each additional invention to be examined (37 CFR 1.129(b))  1801 790 2801 395 Request for Continued Examination (RCE)			esign issue fee			
Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202	Independent					
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1203   300   2203   150   Multiple dependent claims in excess of 20    1204   88   2204   44   ** Reissue independent claims over original patent    1205   18   2205   9 ** Reissue claims in excess of 20    1206   18   2205   9 ** Reissue claims in excess of 20    1207   1807   50   Processing fee under 37 CFR 1.17(q)    1808   180   180   Submission of Information Disclosure Stmt    8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1809   790   2809   395   Filing a submission after final rejection (37 CFR 1.129(a))    1809   790   2810   395   For each additional invention to be examined (37 CFR 1.129(b))    1809   790   2810   395   For each additional invention to be examined (37 CFR 1.129(b))    1809   790   2810   395   Request for Continued Examination (RCE)    1809   790   2810   395   Request for Continued Examination (RCE)    1809   790   2810   395   Request for expedited examination (RCE)	Claims		<del></del>			
Fee Fee Code (\$)  1202 18 1201 88 1202 9 Claims in excess of 20 1203 300 1204 88 1204 88 1204 44 1205 18 1205 18 1205 18 1205 18 1205 18 1206 18 1207 18 1208 18 1209 18 1209 1809 1802 1 1200 1802 1			, , ,			
1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claim, if not paid 1204 88 2204 44 ** Reissue independent claims over original patent ** Reissue claims in excess of 20 1205 18 2205 9 ** Reissue claims in excess of 20 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 2810 395 For each additional invention to be examined (37 CFR 1.129(b)) 2801 395 Request for Continued Examination (RCE)			diaht.ataataaalaa			
1202   18   2202   9   Claims in excess of 20   1809   790   2809   395   Filing a submission after final rejection (37 CFR 1.129(a))   1203   300   2203   150   Multiple dependent claim, if not paid   1204   88   2204   44   ** Reissue independent claims over original patent   1801   790   2801   395   Request for Continued Examination (RCE)   1805   18   2205   9   ** Reissue claims in excess of 20   1802   900   1802   900   Request for expedited examination   1801   1802   1802   1803   1803   1803   1804   1805   1		8021 40 8021 40 Rec	operty (times number of properties)			
1203 300	1202					
1204 88 2204 44 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 Request for expedited examination (RCE)		i i	· · · · · · · · · · · · · · · · · · ·			
over original patent 1801 790 2801 395 Request for Continued Examination (RCE)  1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination						
		1801 790 2801 395 Re	equest for Continued Examination (RCE)			
· · · · · · · · · · · · · · · · · · ·						
SUBTOTAL (2) (\$) Other fee (specify)	SUBTOTAL (2) (\$)	, , , , ,				
"or number previously paid, if greater; For Reissues, see above reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 2120.00		Reduced by Basic Filing Fee P	Paid SUBTOTAL (3) (\$) 2120.00			

(Complete (if applicable) SUBMITTED BY Registration No. **3050**9 Telephone (010 - 346 -Name (Print/Type) Date Signature

> WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## **EXPRESS MAIL CERTIFICATE OF MAILING**

Patent Application for:
Applicants: Benjamin J. Eggleton et al.
Atty. No: 37-1-4
Title: Optical Devices Including Microstructure Fiber Sections Disposed for Transverse Signa Propagation
I hereby certify that this correspondence is being deposited with the United States
Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed
to:
Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
On 11/4/2004
EXPRESS MAIL TRACKING NO. <u>ER933735769US</u>
Type or Print name of person signing this certificate: Wendy W. Koba, Esq.
Signature: Wendy W. Kalo

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### PATENT APPLICATION

**Inventors:** 

Benjamin J. Eggleton et al.

Case

37-1-4

Serial No.

10/736,935

Filed October 23, 2003

Examiner

Not Yet Assigned

Group Art Unit 2872

Title

Optical Devices Including Microstructured Fiber Sections Disposed for

**Transverse Signal Propagation** 

#### **COMMISSIONER FOR PATENTS**

P.O. Box 1450

Alexandria, VA 22313-1450

SIR:

#### SUBMISSION OF MISSING PARTS OF APPLICATION UNDER 37 C.F.R. 1.53(b)

This is in response to a NOTICE OF MISSING PARTS OF APPLICATION dated April 7, 2004. Enclosed are the following items for filing in the above-referenced application:

- Declaration and Power of Attorney, executed on October 18, 2004 by Benjamin J. Eggleton.
- 2. Assignment Recordation Cover Sheet
- 3. Assignment and Agreement, executed on October 18, 2004 by Benjamin J. Eggleton.
- 4. Response copy of NOTICE OF MISSING PARTS OF APPLICATION.

Having now complied with all of the requirements of 37 CFR 1.53, applicants respectfully request that this application be placed upon the files for examination.

Respectfully submitted, Benjamin J. Eggleton, et al.

By: Wendy W. Koba Wendy W. Koba Attorney for applicants

Reg. No. 30509 610-346-7112

Date: 11/4/2064



### United States Patent and Trademark Office

Page 1 of 1

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/691,947

10/23/2003

Benjamin J. Eggleton

37-1-4

Wendy W. Koba PO Box 556 Springtown, PA 18081



CONFIRMATION NO. 6310
FORMALITIES LETTER
\*OC000000012299503\*

Date Mailed: 04/07/2004

### NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

#### **Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

• The signature of the following inventor(s) is missing from the oath or declaration: Benjamin J. Eggleton

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center

Initial Patent Examination (Division (703) 308)1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE